



# **Constant Force Ironing Roll**

**Ironing Roll Systems  
for Aluminium Cold & Foil Mills**

# Product Sheet

**Product:** **Constant Force Ironing Roll**  
**The solution to improve coil build up on cold and foil mills**

## Applications:

- Aluminium Cold Strip Mills
- Aluminium Foil Mills

## Improvements and benefits:

- Applications for Aluminium Cold and Foil Mills.
- Individual design tailored to the specific geometry and ironing forces required for the rolling application.
- Independent proportional control of the pressure to maintain constant ironing force through the coil build up range.
- Capability to apply differential pressure (load) to each side of the roll to assist steering.
- Robust arm design providing excellent synchronisation.
- Single or dual head (steel & covered rolls) options available.
- Increased mill exit speeds and production throughput.
- Improved coil quality with reduced coil weave (lap to lap) and coil telescope.

## Recent References

TLM – Croatia

Hindalco – India

Norandal (1) – USA

Teich - Austria

Norandal (2) – USA

Hulamin – South Africa

To contact SMS group Technical Services (UK) Ltd and to download other data sheets :

Tel: +44 (0) 1202 547400  
Email: [enquiries@parkegate.co.uk](mailto:enquiries@parkegate.co.uk)  
Web: [www.parkegate.co.uk](http://www.parkegate.co.uk)